

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Bottled Water-MN		Page 1 of 6
Title: Commodity Specific Requirements for Bottled Water		
Revision: Original	Replaces: N/A	Effective: 04/01/05

1. Purpose:

To provide a listing of PDP identified required compounds for bottled water.

2. Scope:

This standard operating procedure (SOP) shall be followed by the Minnesota Department of Agriculture laboratory analyzing bottled water samples for PDP.

3. Outline of Procedure:

- 5.1 Compounds Required for Minnesota Bottled Water Multiresidue Screen
- 5.2 Marker Pesticides for Minnesota Bottled Water Multiresidue Screen

4. References:

- USDA/AMS PDP Quality Assurance-Technical Meeting, March 22-24, 2005
- PDP Program Plan January – June 2005

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

5.1 Compounds Required for Minnesota Bottled Water Multi Residue Screen

Water Compound	Pest Code
2,4-D	026
2,4-DB	317
Acetochlor	807
Acetochlor Ethanesulfonic Acid (ESA)	ABN
Acetochlor Oxanilic Acid (OA)	ABO

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Water Compound	Pest Code
Alachlor	227
Alachlor ESA	ABP
Alachlor OA	ABQ
Atrazine	305
Bensulfuron methyl	ABR
Bentazon	758
Boscalid	AEO
Bromacil	153
Carbaryl	102
Carbofuran	180
Chlorimuron ethyl	717
Chlorothalonil	164
Chlorpyrifos	160
Clomazone	719
Clopyralid	B46
Cyanazine	228
DCPA (Dacthal)	134
Desethyl atrazine	964
Desethyl-desisopropyl atrazine	784
Desisopropyl atrazine	785
Diazinon	024
Dimethenamid	ADD
Dimethenamid ESA	AFB
Dimethenamid OA	AEY
Dimethoate	171
Disulfoton sulfone	216
Diuron	032
EPTC	200
Ethalfuralin	721
Flufenacet OA	AEZ
Fonofos	163
Halosulfuron methyl	AEH
Hydroxy atrazine	AED
Imazamethabenz acid	AGE

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Water Compound	Pest Code
Imazamethabenz ester	753
Imazamox	ACA
Imazapic	ACZ
Imazapyr	ACB
Imazaquin	ACC
Imazethapyr	ACD
Linuron	129
Malathion	052
MCPA	318
MCPB	620
Metalaxyl	607
Metolachlor	283
Metolachlor ESA	ACG
Metolachlor OA	ACH
Metribuzin	181
Metsulfuron methyl	ACI
Myclobutanil	679
Neburon	061
Nicosulfuron	ACM
Parathion methyl	057
Pendimethalin	230
Phorate	148
Picloram	329
Prometon	942
Prometryn	249
Propachlor	675
Propachlor OA	AFA
Propanil	341
Propazine	333
Propiconazole	264
Siduron	ACT
Simazine	149
Sulfometuron methyl	ACP
Tebuconazole	A58

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Water Compound	Pest Code
Tebupirimphos	A59
Tebuthiuron	780
Terbufos	205
Tetraconazole	ADO
Thifensulfuron	AEF
Thiobencarb	726
Triallate	621
Triasulfuron	ADP
Trifluralin	151

5.2 Marker Pesticides for Minnesota Bottled Water Multiresidue Screening

To be determined by the analytical laboratory in consultation with the PDP Technical Director.

For each set, the laboratory shall prepare a spike sample by fortifying an ice mountain bottled water sample with all marker compounds at two times the level of quantitation (LOQ).

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3/28/05

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Original

March 2005

Monitoring Programs Office

- Established commodity specific testing profile for bottled water
